RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2

RAVENOL Arctic Tripoid grease ATG 2 mit MoS2 is manufactured from high quality mineral oils, synthetic native esters, poly alpha olefines and additional molybdenum disulfide MoS2 using thickening agents on a lithium soap base. Friction is reduced and the lubrication effect is improved through the addition of MoS2. This is required for the high mechanical loads during lubrication.

RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2 shows high shear stability is oxidation and water resistant and has excellent corrosion and wear protection properties. The selected additives, MoS2 and a special ester formulation help reduce wear even during heavy, continuous operation and significantly prolong service life.

Application Notes

RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2 is used with roller and friction bearings and heavy-duty bearings under extreme pressure at very low temperatures. Use for lubricating bearings on aggregates and machines in cold stores. **RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2** especially recommended for the lubrication of constant velocity universal joints (except needle bearing) at very low temperatures.

Also suitable for valve shafts in mineral oil pipes in Arctic conditions. Applications include motor vehicles, construction machinery, agricultural machinery and industrial machinery of all kinds. It is particularly suitable for devices that operate at low and high temperatures.

The upper operating temperature for **RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2** in continuous operation is 120°C. A maximum threshold of 160°C should not be exceeded.

Excessively high temperatures lead to a shortened service life. Regular lubrication improves materials and saves costs.

Quality Classifications

RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2 is tried and tested for aggregates specifying:

Specifications

DIN 51 502: KPFE2K-60, ISO 6743 Part 9: ISO-L-XECEB2

Characteristic

RAVENOL Arctic Tripoid Grease ATG 2 mit MoS2 offers:

- Walk stability
- Resistance to oxidation
- Water resistance
- Good corrosion protection characteristics
- Extreme thermal load capacity
- Very high pressure susceptibility
- Good adhesion

Characteristics	Unit	Data	Audit
Colour		black	visual
Thickener		Lithium Complex Soap	-
Additives		MoS2	-
NLGI-Class		2	DIN 51 818
DIN-Product-Classification		KPFE2K-60	DIN 51 502
ISO-Product-Classification		ISO-L-XECEB2	ISO 6743 P.9
Working Temperature	°C	-60 / +120	DIN 51 825
Short Term up to	°C	160	-
Worked Penetration 60 strokes	mm/10 bei 25°C	265-295	ISO 2137
Corrosion (SKF Emcor dist. Water)	Corr. Degree	0	DIN 51 802
Dropping Point	°C	>180	DIN ISO 2176
Copper Corrosion (24h/120°C)		1	DIN 51 811
Water Resistance (3h/90°C)	°C	1-90	DIN 51 807 P.1
VKA Pressure Carrying Capacity	N	3200	DIN 51 350 P.4
VKA Wearing Characteristics (four-ball-tester)	mm	0,56	DIN 51 350 T.5
Kinematic Viscosity (Base Oil)	mm²/s bei 40°C	140	DIN 51562-1
kinematic viscosity at 100°C	mm²/s	20	DIN 51 562 T.1

All indicated data are approximate values and are subject to the commercial fluctuations.

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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